

## EAST Search History

| Ref # | Hits  | Search Query                  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|-------------------------------|---|------------------|---------|------------------|
| S1    | 88702 | yukio.in.                     | JPO   | OR               | ON      | 2008/11/18 10:55 |
| S2    | 113   | water adj treatment adj agent | JPO   | OR               | ON      | 2008/11/18 10:55 |
| S3    | 0     | S1 and S2                     | JPO   | OR               | ON      | 2008/11/18 10:55 |
| S4    | 916   | candida                       | JPO   | OR               | ON      | 2008/11/18 10:57 |
| S5    | 0     | S2 and S4                     | JPO   | OR               | ON      | 2008/11/18 10:57 |
| S6    | 2642  | water adj absorptive          | JPO   | OR               | ON      | 2008/11/18 10:57 |
| S7    | 0     | S2 and S6                     | JPO   | OR               | ON      | 2008/11/18 10:57 |
| S8    | 1139  | water adj treatment adj agent | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/18 10:58 |
| S9    | 38430 | candida                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/18 10:58 |
| S10   | 102   | S8 and S9                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/18 10:58 |
| S11   | 1     | candida and acinitobacter     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/18 10:58 |
| S12   | 8155  | water adj absorptive          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/18 10:59 |

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| S13 | 8      | S8 and S12                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>10:59 |
| S14 | 6979   | resin adj particles                              | JPO   | OR | ON | 2008/11/18<br>11:02 |
| S15 | 0      | S2 and S14                                       | JPO   | OR | ON | 2008/11/18<br>11:02 |
| S16 | 142    | hydrophilic adj cross adj<br>linked adj polymers | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:14 |
| S17 | 0      | S8 and S16                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:14 |
| S18 | 83     | water adj absorp\$5 adj<br>resin adj particles   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:19 |
| S19 | 0      | S16 and S18                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:20 |
| S20 | 229670 | microorganism                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:20 |
| S21 | 1      | S18 and S20                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:20 |
| S22 | 943309 | microbes or waste or<br>sewage                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:21 |

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| S23 | 4 | S18 and S22  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:22 |
| S24 | 0 | "09731790".ap.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:44 |
| S25 | 5 | "731790".ap.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:44 |
| S26 | 3 | "4061466".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:53 |
| S27 | 2 | "4874520".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:56 |
| S28 | 6 | "232568".ap.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>11:57 |
| S29 | 0 | ("2003/0087284").URPN.   | USPAT   | OR | ON | 2008/11/18<br>11:57 |
| S30 | 1 | "5658779".pn.  | USPAT   | OR | ON | 2008/11/18<br>12:03 |
| S31 | 0 | "3684777".pn. and<br>"4271028".pn. and<br>"4421653".pn.  | USPAT   | OR | ON | 2008/11/18<br>12:03 |
| S32 | 3 | "3684777".pn. or<br>"4271028".pn. or<br>"4421653".pn.  | USPAT   | OR | ON | 2008/11/18<br>12:03 |
| S33 | 5 | water adj absorbant adj<br>hydrogel  | USPAT   | OR | ON | 2008/11/18<br>12:09 |
| S34 | 9 | ("4220152"   "4327725"  <br>"5226902"   "5540033"  <br>"5770086"   "5869096").<br>PN. OR ("6387325").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:10 |

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| S35 | 4136   | superabsorbent adj<br>polymer                                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:12 |
| S36 | 323    | S20 and S35   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:12 |
| S37 | 12     | S20 same S35  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:12 |
| S38 | 49310  | (hydrophilic or absorb\$5)<br>near polymer                    | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:14 |
| S39 | 781    | (adsorb\$5) near<br>(microorganism or microb<br>\$4 or virus) | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:14 |
| S40 | 64     | S38 and S39   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:15 |
| S41 | 5      | S38 same S39  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:15 |
| S42 | 0      | bacteria adj binding adj<br>particles                         | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/18<br>12:21 |
| S43 | 24     | (cell adj isolation adj<br>method).ti.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:37 |
| S44 | 68065  | absorb\$5 and adsorb\$5                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:42 |
| S45 | 1      | S43 and S44   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:42 |
| S46 | 28760  | absorb\$5 same swell\$5                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:45 |
| S47 | 229670 | microorganism   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:46 |

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| S48 | 1856    | S46 and S47  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:46 |
| S49 | 4865017 | water  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:46 |
| S50 | 2254251 | bead or particle   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:46 |
| S51 | 1354    | S48 and S50  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:46 |
| S52 | 98      | S46 same S47   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:47 |
| S53 | 50      | S50 and S52  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>12:47 |
| S54 | 467     | (absorp\$5 and<br>microorganism).clm.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>13:51 |
| S55 | 161     | (absorp\$5 and<br>microorganism and (bead<br>or particle or gel)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>13:55 |
| S56 | 117     | (absorp\$5 and virus and<br>(bead or particle or gel)).<br>clm.        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:08 |

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| S57 | 236    | (absorp\$5 and (water or liquid) and (microb\$5 or microorganism or virus) and (bead or particle or gel)).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:14 |
| S58 | 810    | ((absorp\$5 or adsorb\$5 or adsorp\$5 or adsorb\$5) and (water or liquid) and (microb\$5 or microorganism or virus) and (bead or particle or gel)).clm.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:16 |
| S59 | 139    | ((absorp\$5 or adsorb\$5) and (adsorp\$5 or adsorb\$5) and (water or liquid) and (microb\$5 or microorganism or virus) and (bead or particle or gel)).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:28 |
| S60 | 8      | ((absorp\$5 or adsorb\$5) near (water or liquid)) and (adsorp\$5 or adsorb\$5) and (microb\$5 or microorganism or virus) and (bead or particle or gel)).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:30 |
| S61 | 5      | "4116827".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:33 |
| S62 | 2      | "7071005".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:45 |
| S63 | 156590 | (absorp\$5 or adsorb\$5) and (water or liquid) and (adsorp\$5 or adsorb\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:48 |
| S64 | 5      | "7071005".pn. or<br>"6107053".pn. or<br>"6020150".pn. or<br>"4975375".in. or<br>"5653922".in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:48 |

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| S65 | 1      | S63 and S64  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:48 |
| S66 | 218456 | (absorp\$5 or absorb\$5)<br>near (water or liquid or<br>fluid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:49 |
| S67 | 2962   | (microbe or virus or<br>microorganism) near<br>(adsorp\$5 or adsorb\$5 or<br>collect or stick or caught)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:51 |
| S68 | 98     | S66 and S67  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>14:51 |
| S69 | 12     | "3684777".pn. or<br>"3224941".pn. or<br>"4271028".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>15:05 |
| S70 | 67380  | water near soluble near<br>polymer   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>16:10 |
| S71 | 38     | (water near soluble near<br>polymer) same (adsorb\$5<br>or adsorp\$5) same (virus<br>or microb\$4 or<br>microorganism) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/18<br>16:11 |

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